



COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

October 16, 2012

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

19 October 16, 2012

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

**SUPPLEMENTAL AGREEMENT 2 TO AGREEMENT PW 75124
FOR THE KIMLEY-HORN INTEGRATED TRANSPORTATION SYSTEM
TRAFFIC CONTROL SYSTEM
(ALL SUPERVISORIAL DISTRICTS)
(3 VOTES)**

**CIO RECOMMENDATION: APPROVE (X) APPROVE WITH MODIFICATION ()
DISAPPROVE ()**

SUBJECT

This action is to execute a Supplemental Agreement to Agreement PW 75124 with Kimley-Horn and Associates, Inc., for the Kimley-Horn Integrated Transportation System Traffic Control System to exercise the first optional 2-year term and increase the maximum contract sum by \$155,000 to provide for continued maintenance of the system.

IT IS RECOMMENDED THAT THE BOARD:

1. Approve Supplemental Agreement 2 to Agreement PW 75124 with Kimley Horn and Associates, Inc., (KHA) for the Kimley-Horn Integrated Transportation System (KITS) Traffic Control System to exercise the first optional 2-year term, effective November 2, 2012, for a maximum contract sum of \$2,227,250.
2. Authorize the Director of Public Works, or her designee, to approve and execute Amendments to incorporate necessary changes within the scope of work; to renew the Agreement for the second 2-year option term if, in the opinion of the Director of Public Works, KHA has successfully performed during the previous contract term and services are still required; and to suspend work if, in the

opinion of the Director of Public Works, it is in the best interest of the County to do so.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to authorize the Director of Public Works, or her designee to execute Supplemental Agreement 2 for the KITS Agreement for the first optional 2-year term to provide for continued maintenance of the system as provided in the Agreement. The Agreement requires the Board's action to exercise the optional 2-year term extension. This Amendment will require an increase in the maximum contract sum of \$155,000 to be financed with the Los Angeles County Proposition C Local Return Fund.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1), Fiscal Sustainability (Goal 2), and Integrated Services Delivery (Goal 3). The contractor who has the specialized expertise to provide these services accurately, efficiently, timely, and in a responsive manner will support Public Works in meeting this Plan.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund.

The total cost to provide maintenance services for an additional 2-year term is estimated to be \$155,000 and will be financed with the Proposition C Local Return Fund. On an annual basis, the Board has established a \$2,500,000 top-of-pot allocation from the Proposition C Local Return Fund Budget for the County's Traffic Congestion Management Program. The \$155,000 will be funded from this top-of-pot allocation. Financing for these services is included in the Fiscal Year 2012-13 Proposition C Local Return Fund Budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On October 19, 2004, Agenda Item 39, the Board approved Agreement PW 75124 with KHA located in Cary, North Carolina for procurement and installation of KITS to install a Traffic Control System and provide system support and maintenance for a not to exceed fee of \$2,072,250, which included an optional task of \$200,000 to provide for an interface with the County-owned traffic signal controller firmware. The Agreement was for an initial term that commenced on the effective date of November 4, 2004, and will continue until the date that is 5 years from the final acceptance date of November 1, 2007. Supplemental Agreement 1 to this Agreement, executed on October 11, 2011, under the Director's delegated authority provided a no-cost revision to the payment schedule to provide for additional enhancements and a reduction in the training task for the system.

The enclosed Supplemental Agreement 2 (Enclosure A) reviewed and approved, as to form, by County Counsel, provides for extension of the Agreement for the first 2-year optional term at a cost of \$155,000. The Agreement is currently set to expire on November 1, 2012.

Public Works will return to the Board for approval of an enhanced traffic control system maintenance agreement, which will include additional maintenance features. This extension will continue maintenance of the Traffic Control System while Public Works finalizes the scope of work for the additional features and prepares a new maintenance agreement.

All other terms, conditions, requirements, prices, and specifications of the Agreement will remain unchanged.

ENVIRONMENTAL DOCUMENTATION

Approval of the recommended action is not a project pursuant to the California Environmental Quality Act (CEQA) Guidelines because it is an activity that is excluded from the definition of project by Section 15378(b) of the State CEQA Guidelines. The proposed action is an administrative activity of government that will not result in direct or indirect physical changes to the environment.

CONTRACTING PROCESS

The Chief Information Office (CIO) recommends approval of the Amendment and has prepared the enclosed CIO Analysis (Enclosure B).

IMPACT ON CURRENT SERVICES (OR PROJECTS)

KITS provides two-way communications and control functions between traffic signal controllers and workstations installed at the Public Works Traffic Management Center and in various cities within the County. Extending the Supplemental Agreement 2 to extend maintenance for the system ensures system reliability and support for core traffic management operations for the County and the partnering cities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Traffic and Lighting Division.

Respectfully submitted,



GAIL FARBER

Director

Reviewed By:



RICHARD SANCHEZ

Chief Information Officer

GF:DRL:sd

Enclosures

c: Chief Executive Office (Rita Robinson)
Chief Information Office
County Counsel
Executive Office

SUPPLEMENTAL AGREEMENT 2
TO AGREEMENT PW 75124
KIMLEY-HORN INTEGRATED TRANSPORTATION SYSTEM
TRAFFIC CONTROL SYSTEM

THIS SUPPLEMENTAL AGREEMENT 2, made and entered into this _____ day of _____, 2012, by and between the COUNTY OF LOS ANGELES, a subdivision of the State of California, a body corporation and politic (hereinafter referred to as COUNTY) and KIMLEY-HORN AND ASSOCIATES, INC., a North Carolina corporation (hereinafter referred to as CONTRACTOR).

WITNESSETH

WHEREAS, Agreement PW 75124 (Agreement) was entered into between the COUNTY and the CONTRACTOR on September 30, 2004, for the procurement and installation of the Kimley-Horn Integrated Transportation System traffic control system, including system support and maintenance for the COUNTY with a Maximum Contract Sum of Two Million Seventy-two Thousand Two Hundred Fifty and 00/100 Dollars (\$2,072,250.00); and

WHEREAS, through the delegated authority of the Director of Public Works Supplemental Agreement 1 to the Agreement was approved on October 11, 2011, to provide a no-cost revision to the payment schedule to provide for additional enhancements and a reduction in the training task for the System; and

WHEREAS, the purpose of SUPPLEMENTAL AGREEMENT 2 is to extend the Agreement for the first optional 2-year term to provide for continued maintenance of the system and increase the Maximum Contract Sum by One Hundred Fifty-five Thousand and 00/100 Dollars (\$155,000.00).

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the COUNTY and the CONTRACTOR agree that the Agreement shall be amended as follows:

FIRST: The Agreement will be extended for the first optional 2-year term commencing on November 2, 2012, with one additional 2-year option remaining.

SECOND: The Agreement's Section 8.2 Maximum Contract Sum will increase from Two Million Seventy-two Thousand Two Hundred Fifty and 00/100 Dollars (\$2,072,250.00) to Two Million Two hundred Twenty-seven Thousand Two Hundred Fifty and 00/100 Dollars (\$2,227,250.00), an increase of One Hundred Fifty-five Thousand and 00/100 Dollars (\$155,000.00).

THIRD: This SUPPLEMENTAL AGREEMENT 2 will take effect upon execution by both parties or November 2, 2012, whichever occurs first.

FOURTH: Except as modified in SUPPLEMENTAL AGREEMENT 2, all terms, conditions, requirements, and specifications of the Agreement, as amended shall remain in full force and effect.

//
//
//
//
//

IN WITNESS WHEREOF, the COUNTY has, by order of its Board of Supervisors, caused these presents to be subscribed by the Director of Public Works, and the CONTRACTOR has subscribed its name by and through its duly authorized officers, as of the day, month, and year first written above.

COUNTY OF LOS ANGELES

By _____
Director of Public Works

APPROVED AS TO FORM:

JOHN F. KRATTLI
County Counsel

By _____
Deputy

KIMLEY-HORN AND ASSOCIATES, INC.

By _____
Its President

Type or Print Name

By _____
Its Secretary

Type or Print Name



RICHARD SANCHEZ
CHIEF INFORMATION OFFICER

Office of the CIO
CIO Analysis

NUMBER: CA 12-19	DATE: 9/21/2012
----------------------------	--------------------

SUBJECT:

Supplemental Agreement 2 to Agreement PW 75124 for Kimley-Horn Integrated Transportation System Traffic Control System

RECOMMENDATION:

☒ Approve ☐ Approve with Modification ☐ Disapprove

CONTRACT TYPE:

☐ New Contract ☐ Sole Source
☒ Amendment to Contract #: PW 75124 ☐ Other: Describe contract type.

CONTRACT COMPONENTS:

☐ Software ☐ Hardware
☐ Telecommunications ☒ Professional Services

SUMMARY:

Department Executive Sponsor: P. DeChellis, Deputy Director, DPW

Description: Department of Public Works is requesting: 1) approval of Supplemental Agreement 2 to Agreement PW 75124 with Kimley-Horn and Associates, Inc. (KHA) for the existing Kimley-Horn Integrated Transportation System (KITS) Traffic Control System to exercise the first 2-year option and increase the maximum contract sum by \$155,000; and 2) delegated authority to exercise the second 2-year option under the Agreement.

Contract Amount: \$2,227,250 cumulative Funding Source: Proposition C Local Return Funds

☐ Legislative or Regulatory Mandate ☒ Subvened/Grant Funded: 100%

**Strategic and
Business Analysis**

PROJECT GOALS AND OBJECTIVES:

KITS provides two-way communications capabilities to allow remote monitoring and control of traffic signals in both unincorporated County areas and various cities.

BUSINESS DRIVERS:

KITS provides two-way communications and control functions between the traffic signal controllers and workstations installed at the DPW Traffic Management Center and in various cities within the County. Exercising the first 2-year option extending maintenance and support for KITS ensures system reliability and support for core traffic management operations for the County and the partnering cities.

DPW is also requesting Board authorization to execute subsequent amendments to make changes to the scope of work if necessary and to be able to exercise the second, optional 2-year period. This delegated authority is reasonable, and DPW would be in the best position to determine whether the maintenance service is serving the interests of their Traffic Management responsibilities.

PROJECT ORGANIZATION:

The Executive Sponsor is DPW Deputy Director P. DeChellis. The Consultant's performance is managed by a Project Manager within the Traffic and Lighting Division at DPW. In addition, project goals and objectives are reviewed and vetted by all stakeholders, including LA County Metro and partner cities.

PERFORMANCE METRICS:

Work performed by the Consultant will be validated using the acceptance criteria detailed in the maintenance and support terms and conditions of the Agreement. The Agreement details the scope of work for the maintenance and support services, including resolution timeframe based on severity and provision for downtime credits for failure to meet those timeframes.

STRATEGIC AND BUSINESS ALIGNMENT:

This project is consistent with Countywide Goal 1 (Organizational Effectiveness) and DPW Strategic Focus Areas 2 (Invest in Sustainability) and 3 (Innovate). It also aligns with several enterprise strategies, including information sharing, strategic sourcing, and information security. KITS was not included in the most recent DPW Business Automation Plan to highlight the on-going maintenance cost, however, it has been included in the past under the umbrella of the Intelligent Traffic Systems strategic program. DPW BAP will be updated to reflect the KITS extended maintenance.

PROJECT APPROACH:

Extending maintenance and support for KITS ensures system reliability and support for core traffic management operations for the County and the participating cities.

	<p>ALTERNATIVES ANALYZED:</p> <p>KITS is a proprietary system that only the Consultant can maintain. DPW represents that procuring and installing a new system is cost prohibitive at this point in the system's life-cycle. Additionally, DPW keeps current with industry trends in traffic management and control systems and believes that KITS has kept pace with industry developments and remains the appropriate solution. Moreover, the Department reviews and assists other jurisdictions with RFPs for such systems, which allows the opportunity to see alternative technologies and solutions.</p>
Technical Analysis	<p>ANALYSIS OF PROPOSED IT SOLUTION:</p> <p>KITS is a commercial off-the-shelf traffic control system software with custom features and interfaces. It integrates with the County's other traffic management systems and allows the DPW's Traffic Management Center and participating cities to monitor and control traffic control signals.</p> <p>Due to the terms in the Agreement, other cities in the County can participate in the use of KITS and access the pricing DPW negotiated. This reduces the number of disparate systems operated by different agencies to perform the same function and reduces the total cost of ownership to the County and partner cities.</p> <p>The Consultant, KHA, monitors and manages KITS using a Virtual Private Network (VPN) to provide the maintenance and support services of the Agreement. DPW recently engaged IBM to perform a Traffic and Lighting System Security and Risk Assessment to ensure that KITS and related systems and networks were free of vulnerabilities.</p>

Financial Analysis

BUDGET:

Contract costs

One-time costs:

Hardware.....	\$ N/A
Software.....	\$ N/A
Services	\$ 155,000 for 2-year term

Ongoing annual costs:

Hardware.....	\$ N/A
Software.....	\$ N/A
Services	\$ N/A
Sub-total Contract Costs:	\$ 155,000

Other County costs:

One-time costs:

Hardware	\$ N/A
Software.....	\$ N/A
Services (ISD)	\$ N/A
County staff (existing)	\$ Enter amount.
County staff (net new)	\$ Enter amount.

Sub-total one-time County costs: \$

Ongoing annual costs:

Hardware.....	\$ 600 for server maintenance
Software.....	\$ N/A
Services (ISD).....	\$ N/A
Services (Contractor)	\$ N/A
County staff (existing)	\$ 500,000
County staff (net new)	\$ N/A
Sub-total ongoing County costs:	\$ 500,600

Total one-time costs: \$ 155,000

Total ongoing annual costs: \$ 500,600

There is no County General Fund impact since the costs are included in the Proposition C Local Return Fund Budget.

Risk Analysis

RISK MITIGATION:

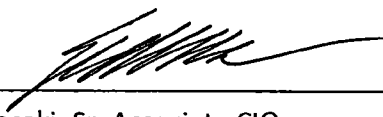
1. Risk: Without the extended maintenance and support from KHA, the County risks system failures and outages due to software defects or security vulnerabilities. Any system downtime will impact the traffic management operations of DPW and partner cities.

Mitigation: The maintenance and support scope includes specific corrective maintenance response and resolution timeframes based on the severity of the issue. Failure to resolve these issues within the specified timeframes may result in downtime credits.
2. Risk: The County would be unable to ensure that operating system, system, and third-party software would be adequately supported.

Mitigation: The maintenance and support scope-of-work includes testing of security patches, service packs, and fixes. It also includes workarounds for security updates that are non-compatible. System, system software, and third-party software updates are also supported.
3. DPW's Departmental Information Security Officer (DISO) has reviewed the Amendment/Agreement and did not identify any IT security or privacy related issues. He reviewed the VPN connectivity to KHA that is used to monitor and maintain KITS remotely and did not identify any issues.
4. The Chief Information Security Officer (CISO) has reviewed the Amendment/Agreement and did not identify any IT security or privacy related issues.

CIO Approval

PREPARED BY:



Eric Sasaki, Sr. Associate CIO

10/2/12

Date

APPROVED:



Richard Sanchez, County CIO

10/2/12

Date

Please contact the Office of the CIO (213.253.5600 or info@clo.lacounty.gov) for questions concerning this CIO Analysis. This document is also available online at <http://clointranet.lacounty.gov/>